

We acknowledge with respect the ɫákw̓əŋən peoples on whose traditional territory the university stands and the Songhees, Esquimalt and W̱SÁNEĆ peoples whose historical relationships with the land continue to this day.

Instructors

Dr. Rana El-Sabaawi (She/her/hers) (rana@uvic.ca)

This course provides a basic understanding of the geological, physical, chemical, and biological processes that form and maintain lake and reservoir ecosystems. Covers both theoretical and applied aspects of freshwater ecology, and discusses the studies and experiments that have been used to test important theories and applications. Also covers anthropogenic and environmental threats to and impacts on freshwater ecosystems.

Some of the topics covered include:

1. Lake morphology and geological origin
2. The water cycle of lakes and rivers
3. Nutrient cycles of lakes and rivers
4. Food webs of lakes and rivers
5. Human impacts including pollution and climate change
6. Ecology and management of stream ecosystems

Lecture schedule is M and Thursday 11:30 AM PST – 12:50 PST
Cunn 146

Text: *There is no textbook for this class. Reading will be posted on Brightspace as needed.*
Lab outlines will be available on Brightspace a few days before the lab.

Brightspace: All course information including lectures PDFs will be communicated and delivered via Brightspace.

Lectures will be delivered in-person. Should we need to pivot to a virtual platform I will send out instructions for connections, etc.

Please be aware that in-person lectures will recorded using Echo360 to accommodate students who are not able to attend because of illness. If you have other questions or concerns regarding

class recording and privacy please contact privacyinfo@uvic.ca. The recording will be posted in Brightspace for a max. of 1 week after class and then removed. Some in class activities such as discussions or group exercises will not be recorded.

Core principles:

1. We will keep ourselves and each other safe by following public health orders (<https://tinyurl.com/2p9darf7>). If you are sick please follow current guidelines (<https://tinyurl.com/2p8ehd6j>).
2. We are committed to equity, diversity and inclusion. Our goal is to create an inclusive environment where all are welcome. We ask students to be respectful of each other and mindful of bias. Additional resources on equity, diversity and inclusion will be available on Brightspace. If you are registered with the center for accessible learning (CAL, <https://www.uvic.ca/services/cal/>), or have any concerns about barriers to success, please discuss them with us as soon as you can.
3. We will maintain a high standard of academic integrity. Please review the UVic Calendar (links below) to refresh yourselves on the UVic guidelines for integrity and plagiarism.

Evaluation:

- Midterm 1 25% Thursday Oct 13th during class time, covers lectures 1-8
Midterm 2 25% Thursday Nov 17th during class time, covers lectures 9-15
Final Exam 50% (The final exam is cumulative)

The midterms and final exam are in-person, closed book exams. The plan is to deliver the midterms and final exam via Brightspace or CrowdMark. More information to come.

Medical absences and missed exams:

Medical documentation for short-term absences is not required (as approved by UVic Senate). However, attendance is important. Students who cannot attend due to illness are asked to notify their instructors immediately.

No supplemental midterms are offered in this course. If a student misses a midterm exam (due to an emergency or medical reason), the marks for that midterm will be distributed among the other midterm and final exam. Missing two midterms will result in an N grade, and the student will not allowed to write the final exam. If illness, accident, or family affliction causes a student to miss the final exam students are required to submit a request for academic concession, with associated documentation, as outlined in the UVic Calendar (<https://www.uvic.ca/registrar/students/appeals/acad-concession/index.php>).

Academic regulations:

1. **VERY IMPORTANT:** UVic's policy on academic integrity (<https://tinyurl.com/ycjeyumu>)
2. Know your responsibilities as outlined in the calendar (<https://tinyurl.com/y3o8q586>)
3. The Center for Accessible Learning is here to help (<https://www.uvic.ca/services/cal/>)
4. Grades are assigned on a percentage scale in accordance with UVic policy as outlined in the calendar (<https://tinyurl.com/y7qydfyy>)
5. All course content and materials are made available by instructors for educational purposes and for the exclusive use of students registered in their class. The material is protected under copyright law, even if not marked with a ©. Any further use or distribution of materials to others requires the written permission of the instructor, except under fair dealing or another exception in the Copyright Act. Violations may result in disciplinary action under the Resolution of Non-Academic Misconduct Allegations policy (AC1300). Students may not distribute lecture notes or any exams or quizzes from the course without permission of the instructor, and to do so, through note-sharing sites or other means, violates the Policy on Academic Integrity Please read UVic's policy on copyright (<https://www.uvic.ca/library/featured/copyright/>)
6. Important UVic dates including dates for adding and dropping course, holidays, etc. (<https://www.uvic.ca/calendar/dates/>)
7. Please read UVic's policy on plagiarism (<https://www.uvic.ca/library/research/citation/plagiarism/index.php>)
8. Important academic dates including add and drop dates can be found on the UVic website (<https://www.uvic.ca/calendar/dates/>)